

What is claimed is:

1 1. A backlight module, comprising:
2 a light guide plate having a first surface and a
3 second surface opposite each other and defining
4 a plurality of grooves on the second surface;
5 a reflecting plate; and
6 a plurality of light sources disposed between the
7 light guide plate and the reflecting plate,
8 each light source being positioned
9 corresponding to each groove, wherein light is
10 emitted by the light sources, reflected by the
11 reflecting plate, reaches the light guide plate
12 through the second surface, and exits the light
13 guide plate from the first surface.

1 2. The module as claimed in claim 1, wherein a
2 cross-sectional shape of each of the grooves is
3 substantially in an arc shape.

1 3. The module as claimed in claim 1, wherein a
2 cross-sectional shape of each of the grooves is
3 substantially in a triangular shape.

1 4. The module as claimed in claim 1, wherein a
2 cross-sectional shape of each of the grooves is
3 substantially in a rectangular shape.

1 5. The module as claimed in claim 1, wherein a
2 cross-sectional shape of each of the grooves is
3 substantially in a polygonal shape.

1 6. The module as claimed in claim 1, further
2 comprising:

3 a protecting film disposed on the first surface;
4 a prism sheet disposed on the protecting film; and
5 a diffusing sheet disposed on the prism sheet.

1 7. The module as claimed in claim 1, wherein the
2 light sources are lamps.